## Index of Claims

| Application/Control No. |  |
|-------------------------|--|
|                         |  |

Applicant(s)/Patent under Reexamination

09/879,983 Examiner Man Phan ELLIOTT ET AL.
Art Unit

√ Rejected
= Allowed

- (Through numeral)
- Cancelled

N Non-Elected
I Interference

A Appeal
O Objected

2419

|       |          | _        |          |           |          | _             |               | _       |        |    |          |          |          |         |         | _       | _       |          |         |    |               |            |          |         |         |          |   |          |         |   |
|-------|----------|----------|----------|-----------|----------|---------------|---------------|---------|--------|----|----------|----------|----------|---------|---------|---------|---------|----------|---------|----|---------------|------------|----------|---------|---------|----------|---|----------|---------|---|
| CI    | aim      |          |          |           |          | ate           |               |         |        |    | Cla      | aim      |          | Date    |         |         |         |          |         |    | Cl            | aim        | Date     |         |         |          |   |          |         |   |
| Final | Original | 12/30/08 |          |           |          |               |               |         |        |    | Final    | Original |          |         |         |         |         |          |         |    | Final         | Original   |          |         |         |          |   |          |         |   |
|       | 1        | V        | $\vdash$ | $\exists$ | $\neg$   | $\dashv$      | $\dashv$      | $^{+}$  | +      | 1  |          | 51       | H        | $^{+}$  | $^{+}$  | +       | t       | Н        | $^{-}$  | 1  |               | 101        |          | $^{-}$  | +       | $^{+}$   |   | Н        | $\pm$   | _ |
|       | 2        | V        |          |           | $\neg$   | $\neg$        | $\dashv$      | $\top$  | $^{-}$ | 1  |          | 52       |          | _       | $^{+}$  | +       | t       |          |         | 1  |               | 102        |          |         |         |          |   | Н        | $\pm$   | _ |
|       | 3        | V        |          |           | $\neg$   | $\neg$        | $\dashv$      | $\top$  | $\top$ | 1  |          | 53       | П        | $^{+}$  | $^{+}$  | $^{+}$  | t       |          | $^{-}$  | 1  |               | 103        |          | $^{-}$  |         |          |   | П        | $\pm$   | _ |
|       | 4        | V        | П        | $\neg$    | $\neg$   | $\neg$        | $\neg$        | $\top$  |        | 1  |          | 54       | $\Box$   | _       | $\top$  | $^{+}$  | т       |          |         | 1  |               | 104        | $\neg$   |         |         | -        |   | П        | $\top$  | _ |
|       | 5        | V        |          | $\neg$    | $\neg$   | $\neg$        | $\neg$        | $\top$  | $\top$ | 1  |          | 55       | $\Box$   | _       | $\top$  | $^{+}$  | т       |          | $\neg$  | 1  |               | 105        | $\neg$   | $\neg$  |         | -        |   | П        | $\top$  | _ |
|       | 6        | V        |          | $\neg$    |          | $\neg$        | $\neg$        | $\top$  |        | 1  |          | 56       |          | $\top$  | $\top$  | T       |         |          | $\neg$  | 1  |               | 106        |          | $\top$  |         | $^{-}$   |   | П        | $\top$  | _ |
|       | 7        | V        | П        | $\neg$    | $\neg$   | $\neg$        | $\neg$        | $\top$  |        | 1  |          | 57       |          | $\top$  |         | $\top$  | Т       |          | $\neg$  | 1  |               | 107        | $\neg$   | $\neg$  |         | т        |   | П        | $\neg$  | _ |
|       | 8        | V        | П        |           | $\neg$   | $\neg$        | ╗             | Т       | Т      | ٦  |          | 58       | П        | Т       | Т       | Т       | Г       |          | $\neg$  | 7  |               | 108        | $\neg$   | Т       |         | П        |   | П        | Т       | _ |
|       | 9        | V        | П        |           | $\neg$   |               | T             | Т       | Т      | ٦  |          | 59       | П        | Т       | Т       | Т       | Г       |          |         | 7  |               | 109        |          |         |         | П        |   | П        | $\top$  | _ |
|       | 10       | V        |          |           |          | П             | П             | Т       |        | ٦. |          | 60       |          | Т       | Т       | Т       | Г       |          |         | 1  |               | 110        |          | Т       |         |          |   | П        | Т       | Ξ |
|       | 11       | V        |          |           | П        | П             | П             | Т       |        | ٦  |          | 61       |          | Т       | Т       | Т       | Г       |          | $\neg$  | 7  |               | 111        |          | Т       |         | П        |   | П        | Т       | Τ |
|       | 12       |          |          |           |          |               |               | $\Box$  |        | ]  |          | 62       |          | $\Box$  |         | $\perp$ |         |          |         |    |               | 112        |          |         |         |          |   |          | $\Box$  |   |
|       | 13       | Ľ        | $\Box$   |           |          |               | $_{\rm I}$    |         |        | 1  |          | 63       | Ш        | $\perp$ | $\perp$ | Γ       | L       |          | $\perp$ | _  |               | 113        | T        |         | ഥ       | 1        |   | $\Box$   | $\perp$ |   |
|       | 14       | L        | $\sqcup$ | _         | _]       |               | _[            | _[      |        | 1  |          | 64       | Ц        | _[      | _[      | 1       | ┖       | $\Box$   |         | ┙  | $\Box$        | 114        | [        |         | ┸       | ┖        | Ш | $\Box$   | _[      |   |
|       | 15       | L        |          |           | $\Box$   | $\perp$       | $\perp$       | $\perp$ |        | 1  |          | 65       |          | $\perp$ | $\perp$ | $\perp$ | 1       |          |         | 1  |               | 115        |          |         | 1       |          |   |          |         |   |
|       | 16       | ┖        | Ш        | _         | _        | _             | _             | 4       |        | ╛  |          | 66       |          | _       | _       | $\perp$ |         |          |         | _  |               | 116        | _        |         | $\perp$ | $\perp$  |   | Ш        | _       |   |
|       | 17       | ┖        | Ш        | _         | _        | _             | _             | 4       |        | 1  |          | 67       |          | _       | $\perp$ | $\perp$ |         |          |         | _  |               | 117        | $\perp$  | _       |         | $\perp$  |   | Ш        | _       |   |
|       | 18       | L        | ш        |           | _        | _             | _             | 4       |        | 4  |          | 68       | Ш        | 4       | _       | $\perp$ | _       | $\perp$  | _       | 4  |               | 118        |          | $\perp$ | _       | _        |   | Ш        | _       |   |
|       | 19       | L        | ш        | _         | _        | _             | 4             | 4       | _      | 1  |          | 69       | Ш        | 4       | 4       | $\perp$ | _       |          | _       | 4  |               | 119        | _        | $\perp$ | _       | $\perp$  |   | Ш        | 4       | _ |
|       | 20       | ╙        | ш        | _         | _        | _             | 4             | 4       | _      | 4  |          | 70       | $\Box$   | _       | _       | _       | _       |          | _       | 4  |               | 120        | _        | _       | _       | _        |   | Ш        | 4       |   |
|       | 21       | ╙        | ш        | _         | _        | _             | 4             | 4       | _      | 1  |          | 71       |          | _       | _       | _       | _       |          | _       | 4  |               | 121        | _        | _       |         | $\perp$  |   | Ш        | _       |   |
|       | 22       | L        | $\perp$  | _         | _        | 4             | 4             | 4       | _      | 4  |          | 72       | Ш        | 4       | _       | $\perp$ | _       |          | _       | 4  |               | 122        |          | _       | _       | ╙        |   | Ш        | _       |   |
|       | 23       | ┡        | $\sqcup$ | _         | _        | $\rightarrow$ | 4             | 4       | _      | 4  |          | 73       | $\Box$   | _       | _       | +       |         |          | _       | 4  |               | 123        | _        | _       |         | _        |   | Ш        | _       |   |
| _     | 24       | ┡        | $\vdash$ | _         | _        | _             | 4             | 4       | _      | 4  |          | 74       | $\perp$  | _       | _       | +       | _       | $\perp$  | _       | 4  |               | 124        | _        | _       |         | -        |   | Ш        | _       |   |
|       | 25       | ┡        | $\vdash$ | _         | _        | _             | 4             | +       | _      | 4  |          | 75       | $\Box$   | +       | +       | +       | 1       |          | _       | 4  |               | 125        | _        | +       | _       | ⊢        |   | Ш        | -       |   |
|       | 26       | ⊢        | $\vdash$ | _         | _        | _             | $\dashv$      | +       | _      | 4  |          | 76       | $\Box$   | -       | _       | +       | $\perp$ |          | _       | 4  |               | 126        | _        | _       | +       | -        |   | Ш        | _       | _ |
|       | 27       | L        | $\vdash$ | _         | _        | -             | -             | +       | _      | 4  | -        | 77       | -        | +       | +       | +       | ╄       | $\vdash$ | +       | 4  | <u> </u>      | 127        | _        | +       | +       | ⊢        |   | Н        | -       | _ |
|       | 28<br>29 | ⊢        | $\vdash$ | _         | $\dashv$ | $\rightarrow$ | $\dashv$      | +       | -      | 4  | -        | 78<br>79 | $\vdash$ | +       | +       | +       | ⊢       | $\vdash$ | -       | 4  | _             | 128        | -        | -       | +       | $\vdash$ |   | Н        | -       |   |
|       | 30       | ⊢        | $\vdash$ | $\dashv$  | $\dashv$ | $\dashv$      | $\dashv$      | +       | -      | -  |          | 80       | $\vdash$ | +       | +       | +       | +       | $\vdash$ | +       | 4  | -             | 129<br>130 | $\dashv$ | +       | +       | $\vdash$ |   | Н        | +       | _ |
|       | 31       | ⊢        | $\vdash$ | -         | $\dashv$ | $\rightarrow$ | $\dashv$      | +       | +      | 4  | -        | 81       | $\vdash$ | +       | +       | +       | +       | $\vdash$ | +       | -  | ⊢             | 131        | -        | +       | +       | -        |   | Н        | +       | _ |
|       | 32       | ⊢        | $\vdash$ | $\dashv$  | $\dashv$ | $\dashv$      | $\dashv$      | +       | +      | ┨  |          | 82       | $\vdash$ | +       | +       | +       | +       | $\vdash$ | +       | 4  | ├             | 132        | $\dashv$ | +       | +       | +        |   | Н        | +       | - |
|       | 33       | $\vdash$ | +        | -         | $\dashv$ | $\rightarrow$ | $\dashv$      | +       | +      | ┨  |          | 83       | $\vdash$ | +       | +       | +       | +       | $\vdash$ | +       | ┨  | $\vdash$      | 133        | $\dashv$ | +       | +       | +        | Н | Н        | +       | - |
| _     | 34       | +        | +        | $\dashv$  | $\dashv$ | +             | $\dashv$      | +       | +      | -  | $\vdash$ | 84       | Н        | +       | +       | +       | +       |          | +       | +  | $\vdash$      | 134        | -        | +       | +       | +        | Н | Н        | +       | - |
| -     | 35       | +        | +        | $\dashv$  | $\dashv$ | +             | $\rightarrow$ | +       | +      | -  | $\vdash$ | 85       | Н        | +       | +       | +       | +       | $\vdash$ | +       | +  | $\vdash$      | 135        | $\dashv$ | +       | +       | +        | Н | $\vdash$ | +       | - |
| _     | 36       | H        | $\vdash$ | $\dashv$  | $\dashv$ | +             | +             | +       | +      | 1  |          | 86       | Н        | +       | +       | +       | +       | $\vdash$ |         | -  |               | 136        | $\dashv$ | _       | +       | +        | Н | $\vdash$ | +       | - |
| _     | 37       | H        | $\vdash$ | $\dashv$  | $\dashv$ | +             | +             | +       | +      | 1  |          | 87       | H        | +       | +       | +       | +       | $\vdash$ | $\pm$   | Η. | $\vdash$      | 137        | $\dashv$ | +       | +       | +        | Н | $\vdash$ | +       | - |
| _     | 38       | +        | +        | $\exists$ | $\dashv$ | +             | $\dashv$      | +       | +      | 1  |          | 88       | $\vdash$ | +       | +       | +       | +       | $\vdash$ | $\pm$   | Η. | $\vdash$      | 138        | $\dashv$ | +       | +       | +        | Н | Н        | +       | - |
|       | 39       | t        | $\vdash$ | $\exists$ | $\dashv$ | $\dashv$      | 7             | $^{+}$  | +      | 1  |          | 89       | H        | $^{+}$  | $^{+}$  | +       | t       | $\vdash$ | $^{-}$  | 1  | $\vdash$      | 139        | $\dashv$ | +       | +       | +        | Н | $\vdash$ | +       | - |
|       | 40       | t        | $\vdash$ | $\exists$ | $\dashv$ | $\dashv$      | $\dashv$      | $^{+}$  | +      | 1  |          | 90       | H        | +       | +       | +       | t       |          | $\pm$   | 1  | $\vdash$      | 140        | $\dashv$ | $\pm$   | +       | $\vdash$ | Н | Н        | +       | - |
| _     | 41       | t        | $\vdash$ | $\exists$ | $\dashv$ | $\dashv$      | $\dashv$      | $^{+}$  | +      | 1  |          | 91       | H        | +       | +       | +       | t       |          | $\pm$   | 1  |               | 141        | $\dashv$ | +       | +       | +        | Н | Н        | +       | - |
|       | 42       | t        | $\Box$   | $\exists$ | $\dashv$ | $\dashv$      | $\dashv$      | +       | +      | 1  |          | 92       | H        | +       | +       | +       | t       |          | $\pm$   | 1  | $\vdash$      | 142        | $\dashv$ | $\pm$   | +       | $\vdash$ | Н | Н        | +       | - |
|       | 43       | t        | $\Box$   | $\exists$ | $\neg$   | $\dashv$      | $\dashv$      | $^{+}$  | +      | 1  |          | 93       | $\vdash$ | $^{+}$  | $^{+}$  | $^{+}$  | t       |          | -       | 1  | -             | 143        | $\dashv$ | $^{-}$  | +       | $^{-}$   | Н | Н        | $\pm$   | - |
|       | 44       | t        | $\Box$   | $\neg$    | $\neg$   | $\neg$        | $\dashv$      | $^{+}$  | +      | 1  |          | 94       | $\vdash$ | $^{+}$  | $^{+}$  | +       | t       |          | -       | 1  | -             | 144        | $\neg$   | -       | +       |          | Н | Н        | $\pm$   | - |
|       | 45       | t        | $\Box$   |           |          | $\neg$        | $\neg$        | $^{+}$  | _      | 1  |          | 95       | $\vdash$ | $^{+}$  | +       | +       | t       |          | _       | 1  |               | 145        |          | _       | +       |          | Н | Н        | +       | - |
|       | 46       | t        | $\vdash$ | ╛         | $\neg$   | $\dashv$      | 7             | $^{+}$  | +      | 1  |          | 96       | H        | $^{+}$  | $^{+}$  | $^{+}$  | t       | Н        | $^{-}$  | 1  | -             | 146        | $\dashv$ | $^{-}$  | +       |          | Н | H        | +       | - |
|       | 47       | t        | $\vdash$ | $\exists$ | $\neg$   | $\dashv$      | 7             | $\top$  | $^{+}$ | 1  |          | 97       | H        | $^{+}$  | $^{+}$  | $^{+}$  | t       | $\Box$   | $^{-}$  | 1  |               | 147        | $\dashv$ | $^{-}$  | $^{+}$  |          | Н | H        | $\pm$   | - |
|       | 48       | t        | $\vdash$ | $\exists$ | $\neg$   | $\dashv$      | 7             | $\top$  | $^{+}$ | 1  |          | 98       | H        | $^{+}$  | $^{+}$  | $^{+}$  | t       | $\Box$   | $^{-}$  | 1  |               | 148        | $\dashv$ | $^{-}$  | $^{+}$  |          | Н | H        | $\pm$   | - |
|       | 49       | Т        | $\vdash$ | 7         | $\neg$   | $\dashv$      | 7             | $\top$  | $^{+}$ | 1  |          | 99       | H        | 1       | $^{+}$  | +       | t       | П        | $\neg$  | 1  | $\overline{}$ | 149        | $\neg$   | -       | +       |          | П | П        | +       | - |
| _     | 50       | T        | $\vdash$ |           | $\neg$   | $\neg$        | 7             | $\top$  | $\top$ | 1  |          | 100      | $\vdash$ | _       | $^{+}$  | $\top$  | t       |          |         | 1  |               | 150        | $\neg$   |         |         |          | П | $\Box$   | $\pm$   | _ |